

25X1A

NO. OF PAGES 2

NO. OF ENCLS. 3 (6 pages)
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

25X1

About 5 km west of the railroad station, outside of Kirov (49° 42' E/58° 33' N), Kirov Oblast, south of a road to the WSW. For location see Annex 1.

2. The plant mass-produced armor-piercing shells, caliber 76.2-mm. About 4,000 to 5,000 laborers worked in three shifts.

Shell plant No 324 is about 3 km southwest of town.

a. The plant covers about 800x700 meters, two-thirds of which is built up. It was constructed during the first part of the war according to Soviet laborers. A new construction started in 1947. According to laborers, it was to be a foundry.

b. Most plant buildings were wooden structures with slagstone walls and flat roofs covered with roofing paper. Other construction types are especially mentioned in the legend.

CONFIDENTIAL-CONTROL/US OFFICIALS ONLY ([REDACTED])

c. Plant and town were connected by a good road, 5 to 6 meters wide, with a bus line. A railroad connection was available. Power was supplied from town by a transmission line on wooden poles.
For plant layout see Annex 2.

5. Work Force

About 1,200 Soviets, 50 percent women, and 300 to 400 PWs working three shifts.

6. Production

Shells, caliber 100 mm or 105 mm, 40 cm long.
Cartridges about 70 cm long, output 500 per shift.
Cultivators, scheduled output about 500 per month.
Harrows, ball-bearing races.
Departments No 2 and No 3 started peace-time production shortly after the war (see legend).

7. The plant was constructed in 1941. Most of the plant buildings are wooden structures. The output per shift was about 600 to 700 AT shells, about 75 mm caliber. The boiler house was three old locomobiles.
For plant layout see annex 3.

25X1A

[REDACTED] comment:

a. As the ammunition plant is reported for the first time and local data (Annex 1) is insufficient, the location cannot be pinpointed but is assumed to be on a road leaving the city in a southwesterly direction. Information on landmarks is needed to clarify the plant location.

b. Of the two plant layouts (Annex 2 and 3) which agree on location and purpose of the plant buildings, Annex 2 seems more correct as to dimensions and shape of the installations. The dimensions need confirmation.

c. Future information would be helpful in identifying the purpose of the building under construction south of the plant area.

1. Location of Ammunition Factory in Kirov
2. Layout of Ammunition Factory in Kirov

25X1A

CONFIDENTIAL-CONTROL/US OFFICIALS

Document No.	8
No Change in Class.	<input checked="" type="checkbox"/>
Declassified	<input type="checkbox"/>
Class. Change To:	TS S C
Auth:	HR 10-2
Date:	10 SEP 1978

Legend to Annex 2A Shell factory

- 1 Building under construction, presumably foundry, 80x150 meters, basic walls are of bricks
- 2 scrap crushing shop, 25x10x6 meters, with crushing and cutting machines
- 3 Crane rails, transport of materials
- 4 Compressor shop, 100x30x7 meters, with six to eight compressors, each 5 meters high with several pistons and two large water tanks
- 5 Department No 1, Forge pressing shop, brick building with ferro-concrete girders and flat wooden roof, 80x10x12 meters, with sheet-metal smokestack, 20 meters high. Equipped with four furnaces, four large American horizontal presses and two draw presses.
- 6 Timber dump
- 7 Department No 8, storage with shells, 200x65x12 meters
- 8 Three magazines, each about 25x10x4 meters
- 9 Coal dump
- 10 Compressor station for department No 2 and No 4, 20x10x8 meters
- 11 Transformer station
- 12 Switching station
- 13 Workshop, 200x60x11 meters
 - a Department No 2, with 20 to 25 fully automatic shell lathes (of Canadian origin) and cutting machines
 - b Cultivator department with many metal processing machines

A steel tube, 15 cm in diameter about 1 meter underground leads from Department No 2 to Department No 3, and, by spindle drive, pushes shells to Department No 3
- 14 Roofed iron dump
- 15 Brick building with ferro-concrete girders and wooden roof, 200x80x11 meters
 - a Department No 3, forge with sheet-metal smokestack, 20 meters high, equipped with three large and three small annealing furnaces, large and small hammers and other machinery

CONFIDENTIAL-CONTROL/US OFFICIALS ONLY

CONFIDENTIAL-CONTROL/US OFFICIALS ONLY

- 15 b Harrow department with two production lines
- 16 Workshop, 200x100x11 meters
 - a Department No 4, lathe shop with 30 to 35 full-automatic Canadian shell lathes, several Russian lathes, and three to four presses for fitting guide rings
 - b Department No 5, production of boxes, preparation for conservation and packing
 - c color bath
- 17 Machine shop, 100x20x6 meters
- 18 Workshop, 200x50x11 meters
 - a department No 6, production of machine parts
 - b Department No 7, repair shop and manufacture of small parts
 - c Drawing office and administration
 - d Offices of department No 6 and No 7
 - e Laboratory
 - f Department No 9, electro shop
 - g Switching chambers
- 19 Transformer station
- 20 Machine storage, 30x10x6 meters
- 21 Department No 10, heating plant, 20x30x10 meters with two smokestacks, 10 to 15 meters high
- 22 coal dump
- 23 Gate

B Sawmill

25X1A

CONFIDENTIAL-CONTROL/US OFFICIALS ONLY

CONFIDENTIAL-CONTROL/US OFFICIALS ONLY

Legend to Annex 3**A** Shell factory

- 1 Cutting shop, 50x30x6 meters
- 2 Foundry and pressing shop, 150x50x20 meters,
with two sheet-metal smokestacks 25 meters high
- 3 Compressor station
- 4 Magazine with shells
- 5 Three small magazines
- 6 Iron dump
- 7 Precision lathe shop and packing department
- 8 Forge and offices
- 9 Rough processing lathe shop
- 10 Boiler house with smokestack
- 11 Repair shops
- a Transformer station
- 12 Dump with metal shavings
- 13 Guard house and office

B Two magazines**D** Fire department**C** Kitchen**E** Congress hall**F** PW camp No 7307/4**G** Staff headquarters**H** Cantonment buildings, apartments**I** Recreation center**K** Medical stores**L** Kolkhose

25X1A

CONFIDENTIAL-CONTROL/US OFFICIALS ONLY

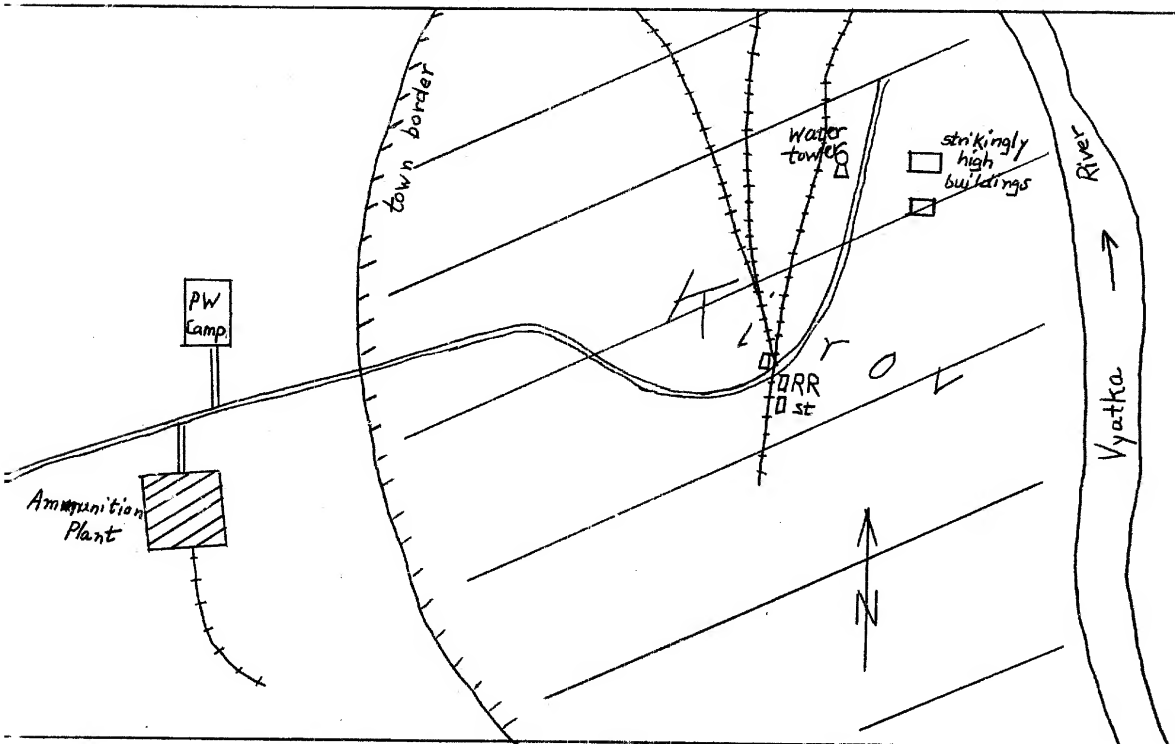
CONFIDENTIAL/CONTROL US OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

Attachment 1

25X1A

Ammunition Factory in Kirov



CONFIDENTIAL/CONTROL US OFFICIALS ONLY

CONFIDENTIAL/CONTROL US OFFICIALS ONLY

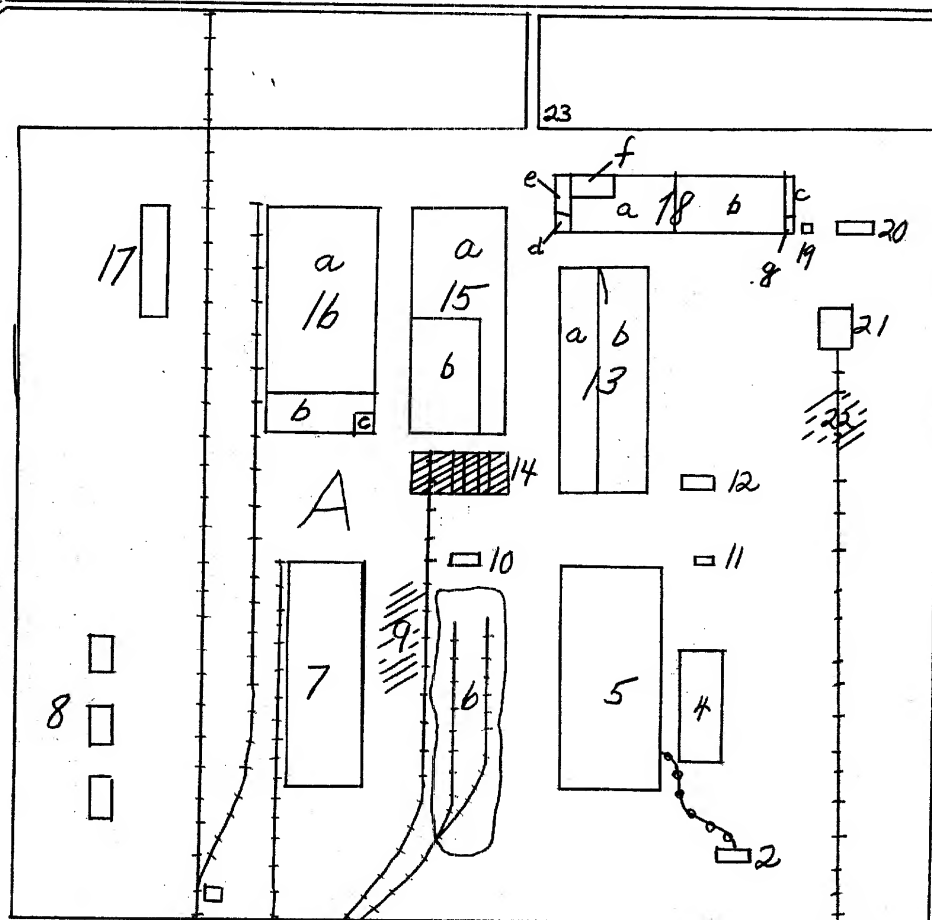
CENTRAL INTELLIGENCE AGENCY

attachment 2

25X1A

Ammunition Factory in Kirov

to Kirov 3km



1km

B

to Ammunition
Plant 3km

to Gorki

Legend: See report

to Kirov
RR st.

CONFIDENTIAL/CONTROL US OFFICIALS ONLY

Ammunition Factory in Kirov

